



## Iron & Steel Preservation Conference March 7-9, 2011

Lansing Community College, Lansing, Michigan

Call 517-483-9853 to register

\$175.00 for first day only, \$350.00 for all three days

For more information, contact Vern Mesler 517-614-9868

### Presentations on first day, March 7

Emcee: Kitty Henderson

Executive Director, Historic Bridge Foundation, Austin, Texas

#### **"Wrought Iron in 19th Century Engineering"**

Emory L. Kemp, Professor Emeritus of History and Civil Engineering (West Virginia University)  
international expert in the history of technology and the restoration of structures

#### **"D. B. Steinman and His Suspension Bridges"**

Dr. Frank J. Hatfield, Professor Emeritus of Civil Engineering (Michigan State University)

#### **"Managing Risk in Historic Bridge Restoration, A Case Study"**

Mark Latsch, PE; Stephen Wilder, PE; Tanya Moore, LLA, (Spicer Group, Inc., Saginaw, Michigan)

#### **"Critical Highway Infrastructure Monitoring Project"**

Steven Cook, P.E., Operations Engineer (Michigan Department of Transportation)

#### **"Bowstring Truss Design, Fabrication, and Field Assembly"**

David A. Simmons, editor of Timeline, and President of the Ohio Historic Bridge Association  
(Columbus, Ohio)

#### **"Maintenance of Historic Metals"**

Steven Shaup, P.E., "Maintenance of Historic Metals" (TranSystems)

### Luncheon Presentation

#### **"Top of the World"**

Presented by Director/Writer Russell Pflueger and Producer/Actor Jeff Pucillo

In 2006 two New York filmmakers, Russell Pflueger and Jeff Pucillo, decided to tell the story of the building of the Empire State Building. After four years of story development they set out to film the story. Their search for expertise in hot riveting led them to Vern Mesler, whose team at Lansing Community College educated the filmmakers and their cast and crew in the art of riveting. Pflueger and Pucillo will discuss the death-defying antics of the Prohibition-Era "sky boys" as America's skyline reached for the clouds. They will present historic photos of the process and show brief excerpts from their short film project "Top of the World."

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## Demonstration of Historic Metal Restoration Processes with Hands-on Experiences on second and third days March 8 & 9



Demonstrations by experienced instructors in field riveting, heat straightening, welding, cutting and other restoration processes for historic metals. Participants will have the opportunity to experience these processes and the use of this industrial equipment firsthand.



Roger Morrison: Lead Instructor for rivet demonstration.



Jeffrey Haynes: Lead Instructor for Oxygen Fuel Welding demonstration.



Catherine Lindquist (not pictured): Lead Instructor for heat straightening and Shielded Metal Arc demonstrations.



William Eggleston: Lead Instructor for Gas Tungsten Arc and Shielded Metal Arc Welding demonstrations.



Roy Bailiff: Lead Instructor for pack rust removal and plate repair demonstrations.



Vern Mesler: Conference Coordinator.